

Title (en)

NOVEL 1,5-BENZOTHIAZEPINE DERIVATIVE, PROCESSES FOR PREPARING THE SAME AND PHARMACEUTICAL COMPOSITIONS

Publication

**EP 0158340 A3 19860528 (EN)**

Application

**EP 85104342 A 19850410**

Priority

- GB 8409259 A 19840410
- GB 8410949 A 19840428

Abstract (en)

[origin: EP0158340A2] Novel 1,5-benzothiazepine derivatives of the formula:wherein R' and R<sup>4</sup> are:a) R<sup>1</sup> is lower alkyl or lower alkoxy, and R<sup>4</sup> is lower alkyl, lower alkoxy, fluorine, benzyloxy, hydroxy or lower alkylthio, or b) R' is lower alkyl, and R<sup>4</sup> is hydrogen, or c) R' is hydroxy, and R<sup>4</sup> is lower alkyl, fluorine, hydroxy or lower alkylthio;R<sup>2</sup> is hydrogen, lower alkanoyl or benzoyl; and R<sup>3</sup> is lower alkyl; and a pharmaceutically acceptable acid addition salt thereof are disclosed. In form of pharmaceutical compositions the said derivative (I) and its salt have a potent platelet aggregation-inhibiting activity.

IPC 1-7

**C07D 281/10; A61K 31/55**

IPC 8 full level

**C07D 281/10** (2006.01)

CPC (source: EP KR US)

**C07D 281/10** (2013.01 - EP KR US)

Citation (search report)

- [Y] DE 1805714 A1 19690619 - TANABE SEIYAKU CO
- [Y] CHEMICAL ABSTRACTS, vol. 96, no. 18, 3rd May 1982, page 422, no. 149164w, Columbus, Ohio, US; & JP-A-56 156 218 (TANABE SEIYAKU CO., LTD.) 02-12-1981
- [Y] CHEMICAL ABSTRACTS, vol. 101, 1984, page 8, no. 16696w, Columbus, Ohio, US; J. SUGIHARA et al.: "Studies on the metabolism of diltiazem in man", & J. PHARMACOBIO-DYN. 1984, 7(1), 24-32

Cited by

US5008434A; EP0320362A1; US5637582A; EP0595526A1; US5198557A; US5144025A; US6187936B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0158340 A2 19851016; EP 0158340 A3 19860528; EP 0158340 B1 19890118**; AT E40127 T1 19890215; CA 1218992 A 19870310; DE 3567651 D1 19890223; ES 542126 A0 19870501; ES 556551 A0 19870716; ES 556552 A0 19871201; ES 8705410 A1 19870501; ES 8707217 A1 19870716; ES 8800920 A1 19871201; KR 850007249 A 19851202; KR 900005680 B1 19900806; US 4594342 A 19860610

DOCDB simple family (application)

**EP 85104342 A 19850410**; AT 85104342 T 19850410; CA 478614 A 19850409; DE 3567651 T 19850410; ES 542126 A 19850410; ES 556551 A 19860624; ES 556552 A 19860624; KR 850002385 A 19850409; US 71511585 A 19850322